

DANIEL WOODSON

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WEB APPLICATION DEVELOPMENT | SOFTWARE ENGINEERING | PRODUCT DEVELOPMENT

Web Application Engineer & Developer with more than 13 years of experience leading and supporting the creation, implementation, and support of web-based applications and web sites. Currently seeking roles as a Web Application Developer.

PROFESSIONAL ACHIEVEMENTS

- Contributed to well-known open-source projects, like Archive.org's Open Library
 - Early hire in a successful IoT startup business focused on creating web applications that enabled users to control real-world landscape watering systems, developing solutions that reduced the systems' financial and environmental impacts.
 - Worked with Engineers on the Chrome development team to help them reproduce errors I uncovered with their Service Worker implementation.
 - Developed analytics and mapping software for municipalities, building solutions used to aggregate, filter, and segment large numbers of watering controllers and data, creating the company's first subscription-based and B2B business.
 - Collaborated with business partners including Google/Nest to define specifications for OAuth systems designed to integrate with third-party services and applications.
 - Fulfilled roles as a product engineer, working in collaboration with product teams to prototype applications and features, organize development deliverables, and provide technical feedback informing the creation and release of software products.
 - Delivered expertise to back-end teams, product and design teams, leadership teams, and customer service groups, using deep knowledge of software engineering operations and technology to strategically manage software product development and support.
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PROFESSIONAL EXPERIENCE

DWELL - **Senior Software Engineer, Product Team (2022 - 2024)**

- Engineer core software and extended features for web-based applications, including creating user migration scripts, new page templates, and tooling.
- Lead initiatives to update in-house editing software, enabling the inclusion of embedded tweets and truncated articles within dwell.com and Apple News.
- Develop tests to enable new software and web page testing functionality while eliminating performance roadblocks.
- Upgrade software development tools and libraries, expanding available resources and frameworks needed throughout development initiatives.
- Coordinate updates to site and app capabilities, including implementing Google Pay and Apple Pay payment processing solutions, deploying new user analytics tools, and leading a migration to Google Analytics 4.

TECHNOLOGIES: AWS (CloudWatch), Cypress, Google Auth, Amplitude, Google Analytics

SKIIFY.COM | FORMERLY GOCART - **Senior Front-End Engineer (2021 - 2022)**

- Engineered and implemented a modernized codebase that aligned with current best practices in test coverage, proper usage of software hooks, and documentation.
- Coordinated software development project management activities, including leading the development of front-end charters, sprints, and retrospectives.
- Conducted vendor management to ensure that all third-party products and services aligned with immediate and future technical requirements.
- Advised business unit leaders and stakeholders regarding best courses of action for improving the performance and functionality of front-end architectures.
- Mentored and trained other front-end engineers, facilitating the development of a knowledgeable, high-performance engineering team.

TECHNOLOGIES: TypeScript, Jest, Storybook, Segment.io

HUMAN/MACHINE - **Software Engineer / Independent Contractor (2020 - 2021)**

- Implemented new user management and login flow capabilities that streamlined system performance, improved security, and enhanced the manageability of user-facing systems.
- Managed all aspects of the software development lifecycle, including defining requirements, specifying systems, creating and testing software code, and implementing solutions in production environments.
- Evaluated software code to identify and capitalize on opportunities to refactor codebases, enhancing the efficiency of software code, reducing software bugs, and improving overall development processes.
- Worked closely with customer stakeholders to evaluate their unique operational and technical needs, aligning development deliverables to customer-defined specifications.

TECHNOLOGIES: AWS (Cognito), TypeScript, Sentry, Asana

RACHIO - **Lead Front-End Engineer (2014 - 2019)**

- Managed a team in charge of developing e-commerce, marketing, analytics, and consumer applications for IoT products, working closely with the product team to prototype applications and features, organize work, and provide developer and user feedback.
- Built analytics and mapping software used by municipalities to aggregate, filter, and segment large numbers of controllers based on watering data.
- Migrated the company from a custom payment system to a hosted e-commerce platform, which reduced operational and costs while improving technical functionality and usability.
- Developed custom storefronts and data analytics tools analytics used to support and track the performance of academic research programs.

TECHNOLOGIES: OAuth, Service Workers, AWS (Elastic Beanstalk), Material-UI, Storybook, Log Rocket, Sentry, Google Maps, Google Analytics, Asana, ngrok, Jest, Shopify

EARLY CAREER

MAGAZINES.COM - **Senior JavaScript Developer (2011- 2014)**

TENNESSEE CENTER FOR CHILD WELFARE - **Second Life Developer (2010 - 2010)**

EDUCATION

Bachelor of Science, Computer Science / Minor in Mathematics

MIDDLE TENNESSEE STATE UNIVERSITY

TECHNICAL SKILLS

React, AWS (Cognito, Elastic Beanstalk, CloudWatch), React-Router, Redux, Webpack, Jest, Slack, Jira, Asana, git, VS Code, Material-UI, JavaScript, Node, Typescript, HTML, CSS, Web APIs, Service Workers, Sentry, Log Rocket, ngrok, Amplitude, Segment.io, OAuth, HTTP, REST, Google Auth, Google Maps, Google Analytics